

Form 1449

U.S. Department of Commerce  
Patent and Trademark OfficeATTY. DOCKET NO.  
1991-143SERIAL NO.  
09/260,232  
01/274,870LIST OF MATERIALS CITED BY APPLICANT  
(Use several sheets if necessary)APPLICANT  
David Mark WHITCOMBE et al.FILING DATE  
November 25, 1998GROUP  
1632/637

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J.T	AA	5 1 1 8 8 0 1	06/02/92	Lizardi et al.	—	—	01/20 1994
	AB	5 2 1 0 0 1 5	05/11/93	Gelfand et al.	—	—	3/1 1995
	AC	5 3 1 2 7 2 8	05/17/94	Lizardi et al.	—	—	5/1 1995
	AD	5 5 2 5 4 9 4	06/11/96	Newton	—	—	2/23 1996
	AE	5 5 3 8 8 4 8	07/23/96	Livak et al.	—	—	11/16 1996
	AF	5 5 7 3 9 0 6	11/12/96	Bannwarth et al.	—	—	3/22 1997
	AG	5 5 9 5 8 9 0	01/21/97	Newton et al.	—	—	2/17 1997
	AH	5 6 0 7 8 3 4	03/04/97	Bagwell	—	—	4/10 1997
	AI	5 6 9 1 1 4 6	11/25/97	Mayrand	—	—	9/11 1997
	AJ	5 7 2 3 5 9 1	03/03/98	Livak et al.	—	—	11/15 1997
	AK	5 8 0 4 3 7 5	09/08/98	Gelfand et al.	—	—	4/25 1998
	AL	5 8 6 6 3 3 6	02/02/99	Nazarenko et al.	—	—	1/3 1999
	AM	5 8 7 6 9 3 0	03/02/99	Livak et al.	—	—	4/15 1999
J.T	AN	5 9 1 9 6 3 0	07/06/99	Nadeau et al.	—	—	11/14 1999

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
J.T	AO	0 2 3 2 9 6 7	08/18/87	EP	—	—	✓
	AP	0 4 1 6 8 1 7	03/13/91	EP	—	—	✓
	AQ	0 4 3 6 6 4 4	04/17/96	EP	—	—	✓
	AR	0 5 6 6 7 5 1	10/27/93	EP	—	—	✓
J.T	AS	0 7 4 5 6 9 0	12/04/96	EP	—	—	✓

## NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J.T	AT	CANTOR, "Lighting Up Hybridization," <u>Nature Biotechnology</u> , 14:247 (March 1999)
	AU	GIBSON et al., "A Homogeneous Method for Genotyping with Fluorescence Polarization," <u>Clinical Chemistry</u> , 43:8, pgs. 1336-1341 (1997)
J.T	AV	NAZARENKO et al., "A Closed Tube Format for Amplification and Detection of DNA Based Energy Transfer," <u>Nucleic Acids Research</u> , 25:12, pgs. 2516-2521 (1997)

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DATE CONSIDERED

3/14/2003

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS										FILING DATE IF APPROPRIATE					
MINER IAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS		
JT	AW	5	9	2	5	5	1	7	07/20/99	Tyagi et al.	—	—	5/12	1995	
JT	AX	5	9	3	5	7	9	1	08/10/99	Nadeau et al.	—	—	9/23	1997	
	AY														
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FOREIGN PATENT DOCUMENTS												TRANSLATION			
		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
3	T	BH	0	9	0	9	8	2	3	04/21/99	EP	—	—	✓	
		BI	9	2	0	2	6	3	8	02/20/92	WO	—	—	✓	
		BJ	9	5	1	3	3	9	9	05/18/95	WO	—	—	✓	
		BK	9	6	1	5	2	7	0	05/23/96	WO	—	—	✓	
		BL	9	7	3	9	0	0	8	10/23/97	WO	—	—	✓	
3	T	BM	9	7	4	2	3	4	5	11/13/97	WO	—	—	✓	

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Probes that Fluoresce upon Hybridization." Nature Technology, Vol.

7	3	9	0	5	5	11/13/97	WO
7	4	2	3	4	5	NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
Reasons: Probes that Fluoresce upon Hybridization." N							

	BL	9	7	3	9	0	0	WO
J T	BM	9	7	4	2	3	4	5 11/13/97

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
J L	BN TYAGI S. et al., "Molecular Beacons: Probes that Fluoresce upon Hybridization." <u>Nature Technology</u> , Vol. 14, pgs. 303-308 (March 1, 1996)
	BO WILTON et al., "Snapback SSCP Analysis: Engineered Conformation Changes for the Rapid Typing of Known Mutations." <u>Human Mutation</u> , Vol. 11, pgs. 252-258, (March 1998)
J Ly	BP WITWER et al., "Continuous Fluorescence Monitoring of Rapid Cycle DNA Amplification," <u>Biotechniques</u> , 22:i, pgs130-131/134-138, (January 1997)

EXAMINER	DATE CONSIDERED 3/14/2003
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Form 1449

U.S. Department of Commerce  
Patent and Trademark Office

ATTY. DOCKET NO.  
1991-143

SERIAL NO. 09/19748  
09/200,232

LIST OF MATERIALS CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT  
David Mark WHITCOMBE et al.

FILING DATE  
November 25, 1998

GROUP  
1632 1637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BQ						
	BR						
	BS						
	BT						
	BU						
	BV						
	BW						
	BX						
	BY						
	BZ						
	CA						

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS											TRANSLATION			
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
J.T	CB	9	7	4	5	5	3	9	12/04/97	WO	—	—	✓	
J.T	CC	9	8	1	8	8	1	1	05/07/98	WO	—	—	✓	
	CD													
	CE													
	CF													

DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J.T	CG	YOKOI et al., "Use of AmpliSensor to Quantitate Gene Expression in Small Amounts of Samples: Comparison with the Quantitative RT-PCR Method Using CCD Imaging System," <u>Japanese Journal of Clinical Pathology</u> , 44:9, pgs. 847-852, (September 1996)
	CH	
	CI	
	CJ	

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Sheet 4 of 5

Form 1449  U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. 1991-143	SERIAL NO. 081974870 <del>09/200,232</del>
LIST OF MATERIALS CITED BY APPLICANT (Use several sheets if necessary)		
APPLICANT Whitcombe et al.		FILING DATE November 25, 1998
GROUP 1632 / 1637		

U.S. PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
J. Tw	CH	5	5	6	5	3	2	2	10/15/96	Heller	—	—	5/5	94
↓	CI	5	5	3	2	1	2	9	7/2/96	Heller	—	—	5/27	194
J. Tw	CJ	4	9	9	6	1	4	3	2/26/91	Heller et al.	—	—	4/13	90

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
J. Tw	CK	0	2	2	9	9	4	3	7/29/87	Europe	—	—	✓	
	CL	0	8	8	1	3	0	2	12/2/98	Europe	—	—	✓	
	CM	9	8	2	6	0	9	3	6/18/98	WO	—	—	✓	
	CN	9	8	1	0	0	9	6	3/12/98	WO	—	—	✓	
J. Tw	CO	9	4	2	1	8	2	0	9/29/94	WO	—	—	✓	

NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER <div style="text-align: center;">J. Tw</div>	DATE CONSIDERED <div style="text-align: center;">3/14/2003</div>
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